



Determine which rule best represents the expression the function machine used.

Answers

1) Input (R)	9	6	10	5	3
Output	76	49	85	40	22

- A. $R + 5$ B. $R \times 12 - 5$
 C. $R \times 9 + 6$ D. $R \times 9 - 5$

1. _____

2) Input (F)	8	15	12	14	9
Output	3	10	7	9	4

- A. $F \times 5$ B. $F - 5$
 C. $F \times 5 - 10$ D. $F \times 5 + 10$

2. _____

3) Input (Q)	8	10	6	2	3
Output	46	56	36	16	21

- A. $Q \times 5 + 9$ B. $Q \times 5 + 6$
 C. $Q \times 5 - 8$ D. $Q \times 8 + 6$

3. _____

4) Input (T)	8	2	9	6	3
Output	24	6	27	18	9

- A. $T \times 4 - 6$ B. $T + 6$
 C. $T \times 3 + 9$ D. $T \times 3$

4. _____

5) Input (N)	10	3	4	5	9
Output	39	18	21	24	36

- A. $N + 3$ B. $N \times 3 + 9$
 C. $N \times 3 + 10$ D. $N \times 3$

5. _____

6) Input (H)	9	2	5	8	7
Output	45	10	25	40	35

- A. $H + 7$ B. $H \times 5$
 C. $H \times 10 + 7$ D. $H \times 7$

6. _____

7) Input (K)	15	19	17	18	13
Output	6	10	8	9	4

- A. $K \times 11 - 2$ B. $K \times 13 + 2$
 C. $K - 9$ D. $K \times 9$

7. _____

8) Input (P)	9	11	12	10	13
Output	4	6	7	5	8

- A. $P - 5$ B. $P \times 5$
 C. $P \times 5 - 6$ D. $P \times 3$

8. _____

9) Input (Z)	14	18	11	16	12
Output	6	10	3	8	4

- A. $Z \times 6$ B. $Z \times 11 + 6$
 C. $Z \times 8$ D. $Z - 8$

9. _____

10) Input (U)	2	6	7	4	5
Output	18	38	43	28	33

- A. $U \times 7 + 8$ B. $U + 5$
 C. $U \times 5 + 8$ D. $U \times 5 - 11$

10. _____



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- A. $Z \times 6$ B. $Z \times 11 + 6$
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	Output	18	38	43	28	33

- A. $U \times 7 + 8$ B. $U + 5$
 C. $U \times 5 + 8$ D. $U \times 5 - 11$

Answers

1. **D**
 2. **B**
 3. **B**
 4. **D**
 5. **B**
 6. **B**
 7. **C**
 8. **A**
 9. **D**
 10. **C**